

6534 U.S. PTO

08/076414

06/15/97

428

Class

Subclass

ISSUE CLASSIFICATION

SCANNED

5918140

UTILITY  
SERIAL  
NUMBER

PATENT DATE

PATENT  
NUMBER

SERIAL NUMBER

FILING DATE

CLASS

SUBCLASS

GROUP ART UNIT

EXAMINER

APPLICANTS

KC / none

KC / none

Foreign priority claimed  
35 USC 119 conditions met  
Verified and Acknowledged☐ yes ☒ no  
☐ yes ☒ no  
KC

Examiner's Initials

AS  
FILEDSTATE OR  
COUNTRYSHEETS  
DRWGS.TOTAL  
CLAIMSINDEP.  
CLAIMSFILING FEE  
RECEIVEDATTORNEY'S  
DOCKET NO.

ADDRESS

TITLE

ISSUE FEE IN FILE

U.S. DEPT. OF COMM. / PAT. &amp; TM—PTO-436L (Rev.1)

PARTS OF APPLICATION  
FILED SEPARATELY

NOTICE OF ALLOWANCE MAILED

11-2-98

Keith Christiansen

Assistant Examiner

Richards  
Applications Examiner

CLAIMS ALLOWED

Total Claims  
15Print Claim  
1

ISSUE FEE

Amount Due

Date Paid

1300.00

2-1-99

Charles E. Boud  
Supervisory Patent Examiner  
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Primary Examiner

DRAWING

Sheets Drwg.  
1Figs. Drwg.  
2Print Fig.  
2ISSUE  
BATCH  
NUMBER

109

Label  
Area

PREPARED FOR ISSUE

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Form PTO-436L  
(Rev. 8/92)  
KOB  
SHP

(FACE)

**STAPLE AREA**

**ORIGINAL CLASSIFICATION**

438

10

CROSS REFERENCE(S)

SUBCLASS  
(ONE SURCLASS PER BLOCK)

**CLASS**

558

350

ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

Charles L. Bowers, Jr.

**ISSUE CLASSIFICATION SLIP**

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE